

ROV Design and Building Workshop

hosted by Thunder Bay National Marine Sanctuary



Alpena, MI

December 2 & 3, 2005

Are you interested in learning about Remotely Operated Vehicle (ROV) technology and its application in ocean and Great Lakes studies? Want to learn how to build an ROV with students? Want to put together a student team to participate in a regional ROV competition?

If so, we invite you to participate in the Remotely Operated Vehicle (ROV) Teacher Workshop held at the Great Lakes Maritime Heritage Center in Alpena, Michigan.



The ROV "Little Hercules" explores the wreck of the Montana in Thunder Bay National Marine Sanctuary



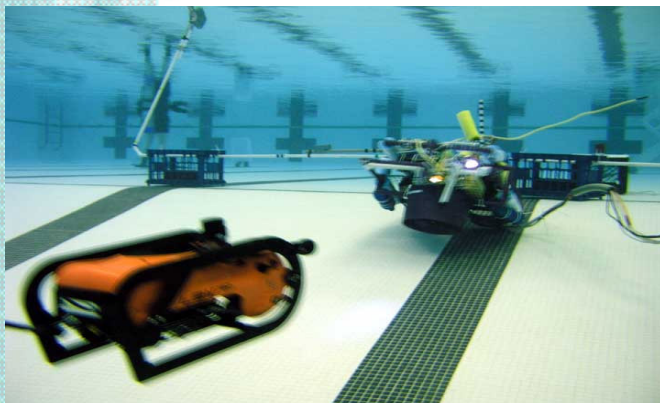
Students deploy their ROV at the MATE National Competition

Participants will:

- 1) be introduced to ROV technology and how it is used for research, monitoring and exploration in national marine sanctuaries
- 2) gain experience building a ROV from PVC materials and get connected with a technology mentor
- 3) be provided an overview of the Marine Advanced Technology Education (MATE) Center and their regional and national student ROV competitions
- 4) Tour NOAA's newest research facility and visitor's center, the Great Lakes Maritime Heritage Center

There is NO FEE for this workshop but you MUST REGISTER

Dinner on the 2nd and breakfast and lunch on the 3rd provided
Transportation and lodging on your own



Thunder Bay's ROV approaches a student built vehicle from the 2005 regional competition in Alpena.

Please Submit
Application to:

Cathy Green
Thunder Bay NMS
500 W. Fletcher St.
Alpena, MI 49707

Email: cathy.green@noaa.gov
Phone: 989-356-8805 ext.10
Fax: 989-354-0144

Remotely Operated Vehicle Teacher Workshop

December 2 & 3 2005

Application

Presented by NOAA's Thunder Bay National Marine Sanctuary, Marine Advanced Technology Education (MATE) Center, and the National Marine Sanctuary Foundation

Application must be submitted by November 21, 2005

NAME _____

HOME ADDRESS _____

MAILING ADDRESS FOR MATERIALS

EMAIL ADDRESS _____

HOME PHONE _____ FAX NUMBER _____

SCHOOL OR INSTITUTION NAME _____
ADDRESS _____

SCHOOL /WORK PHONE _____ SCHOOL/WORK FAX _____

GRADES AND CLASSES YOU TEACH

HOW WILL YOU INCORPORATE INFORMATION FROM THIS WORKSHOP IN YOUR CLASSROOM OR INSTITUTION?

STATEMENT OF INTENT

I understand that I agree to participate in the ROV Teacher Workshop, and will be expected to attend the December 2 & 3 2005 workshop. If I must cancel, I will send written notification to the address listed on the first page of this application by November 28, 2005.

For teachers: I intend to implement some aspect of ROV education in my curriculum by school year 2007.

Signature

Date

Coming Soon

Midwest Regional ROV Competition: April 29, 2006 in Alpena, Michigan!

The Remotely Operated Vehicle (ROV) Teacher Workshop is sponsored by the following organizations:

